

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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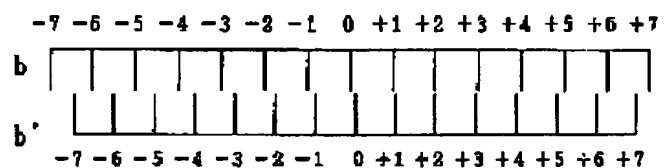
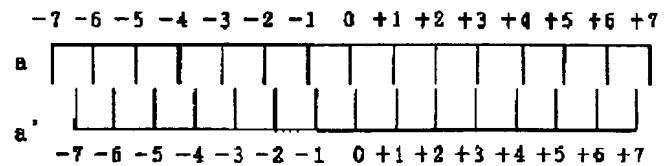
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TITLE : METHOD FOR READING SHIFT  
AMOUNT OF PRINT POSITION OF  
SERIAL RECORDING APPARATUS  
AND ADJUSTING APPARATUS



ABSTRACT : PROBLEM TO BE SOLVED: To read and adjust a shift amount of print positions between recording heads and between a main scan and a sub scan by a set of test patterns.

SOLUTION: In printing a reference for registration of a print position, a linear pattern (a) or/and (b) in a direction orthogonal to a scan direction is printed with an interval of N times (integral times) a resolution R of a recording apparatus. Thereafter, in printing an object to be registered in print position to the reference printing, a similar linear pattern a' or/and b' is printed with an interval of N times the resolution R by a scale. A shift amount of the print position of the object to be registered to the reference print position is read from a position where the linear patterns (a) and a' or/and (b) and b' agree in the scan direction. The print position is adjusted correspondingly to the read result.

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